

21. (New) An apparatus for minimizing the loss of information in cordless communications comprising control logic, the control logic operable to:

select a first unique channel frequency associated with one of a plurality of communication channels;

determine one or more parameters relating to a spectral separation between at least two of the channels; and

select at least one unique channel frequency for the remainder of the plurality of channels using the one or more determined parameters.

22. (New) An apparatus for minimizing the loss of information in cordless communications comprising control logic, the control logic operable to:

select a first unique channel frequency associated with one of a plurality of communication channels;

determine one or more parameters relating to achieving a maximum throughput of information over the channels; and

select at least one unique channel frequency for the remainder of the plurality of channels using the one or more determined parameters.